

Listing of Claims:

A clean version of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121(c)(3). This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Previously Presented) Plasma display device comprising a dielectric layer separating electrodes from a discharge chamber, wherein the dielectric layer includes a transparent metal oxide matrix in which alkyl groups are present.

2. (Previously Presented) The plasma display device of claim 1, wherein the dielectric layer is thicker than 10 micrometers.

3. (Previously Presented) The plasma display device of claim 1, wherein the dielectric layer includes more than one sub-layer.

4. (Previously Presented) The plasma display device of claim 1, wherein the transparent metal oxide is silicon oxide.

5. (Previously Presented) The plasma display device of claim 1, wherein the alkyl group is methyl or ethyl.

6. (Previously Presented) The plasma display device of claim 1, wherein the alkyl group is methyl.

7. (Previously Presented) The plasma display device of claim 1, wherein a layer absorbing radiation having a wavelength $\lambda > 175$ nm is present between the dielectric layer and the discharge chamber.

8. (Previously Presented) The plasma display device of claim 7, wherein the absorbing layer includes zirconium oxide.

Claims 9-11. (Canceled)

12. (Previously Presented) The plasma display device of claim 2, wherein the dielectric layer is thicker than 15 micrometers.